

### **ABSTRACT OF THE DISCLOSURE**

[0037] Spring strut unit, comprising a cylinder, with respect to which a spring plate can be shifted axially for the purpose of adjusting the position of the cylinder. The spring plate has a sleeve section, which establishes the connection to the cylinder, where, on the cylinder side of the unit, a chamber is provided, which is at least partially filled with initially formable material, where the sleeve section is in contact with the initially formable material, which, when in the solidified state, transmits supporting forces from the cylinder to the spring plate. In the path of force transmission from the spring plate to the cylinder, a rotation-proof connection is provided, which determines the position of the spring plate with respect to the cylinder.